

HIERARCHICAL CONFIGURATION ATTRIBUTE
STORAGE AND RETRIEVAL

ABSTRACT OF THE INVENTION

5 Methods and systems thereof for storing and retrieving device-dependent attributes on a portal server are described. Attributes are stored in a device-dependent fashion. When a request for an attribute is received, the type of device used to generate the request is identified. The attribute suitable for the type of device is selected. Accordingly, device-dependent attributes are readily
10 stored and retrieved on the portal server. As a result, the portal server can quickly and efficiently provide services and other types of support for a wide variety of client devices having different characteristics.